CarbonX™ Carbon Fiber Reinforced PETG 3D Filament

CarbonX™ Carbon Fiber Reinforced PETG (polyethylene terephthalate glycol copolymer) is a high-performance carbon fiber reinforced 3D printing filament. This grade was formulated utilizing high-modulus carbon fiber and premium PETG — making it ideal for applications that require superior stiffness, chemical resistance, and dimensional stability compared to any traditional unfilled FDM/FFF materials. Suitable for use in practically all consumer-grade FDM/FFF printers that have a heated print bed. Made by 3DXTECH® in the USA.

The reported technical data was generated from printed ISO test specimen. The general print parameters utilized are noted below.

- Desktop FDM/FFF Printer
- Nozzle: 0.4mm A2 hardened
- Layer height: 0.2mm
- Infill: 100%, +/- 45°
- Extrusion temp: 240°C
- Bed temp: 65°C
- Bed prep: Hairspray on glass
- Print speed: 50 mm/sec

Disclaimer: The technical data contained on this data sheet is furnished without charge or obligation and accepted at the recipient's sole risk. This data should not be used to establish specifications limits or used alone as the basis of design. The data provided is not intended to substitute any testing that may be required to determine fitness for any specific use.